

Docket No. A013

**Declaration and Power of Attorney for Patent Application****English Language Declaration**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SOLUBLE LYMPHOTOXIN-BETA RECEPTORS AND ANTI-LYMPHOTOXIN RECEPTOR AND LIGAND ANTIBODIES AS THERAPEUTIC AGENTS FOR THE TREATMENT OF IMMUNOLOGICAL DISEASES**

the specification of which

(check one)

[ ] is attached hereto.

[X] was filed on April 23, 1999 as United States Application No. 09/299,139  
and was amended on \_\_\_\_\_  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim the benefit under 35 U.S. C. Section 119(3) of any United States provisional application(s) listed below:

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(Application Serial No.)

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(Filing Date)

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(Application Serial No.)

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(Filing Date)

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(Application Serial No.)

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(Filing Date)

I hereby claim the benefit under 35 U.S.C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C.F.R. Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

<u>PCT/US97/19436</u> (Application Serial No.)	<u>Oct. 24, 1997</u> (Filing Date)	-- (Status) (patented, pending, abandoned)
<u>60/029,060</u> (Application Serial No.)	<u>Oct. 25, 1996</u> (Filing Date)	Abandoned (Status) (patented, pending, abandoned)
<u></u> (Application Serial No.)	<u></u> (Filing Date)	(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (*List names and registration numbers*)

ARNER, Raymond G., Reg. No. 32,958  
COX, Niki D., Reg. No. 42,446  
CREASON, Gary L., Reg. No. 34,310  
FENTON, Gillian M., Reg. No. 36,508  
LI, John T., Reg No. 44,210  
LINKKILA, Timothy P., Reg No. 40,702

Send correspondence to:  
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14 Cambridge Center  
Cambridge, Massachusetts 02142

Direct telephone calls to: (*name and telephone number*)  
Niki D. Cox (617) 679-2079

Full name of sole or first inventor <b>BROWNING, Jeffrey L.</b>
Sole or first inventor's signature <i>Jeffrey L. Browning</i>
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Citizenship US
Post Office Address 32 Milton Road, Brookline, Massachusetts 02146

Full name of second inventor <b>HOCHMAN, Paula S.</b>
Sole or first inventor's signature <i>Paula S. Hochman</i>
Residence 14 White Avenue, Newton, Massachusetts 02159-02459
Citizenship US
Post Office Address 14 White Avenue, Newton, Massachusetts 02159-02459

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Sole or first inventor's signature <i>Paul Rennert</i>
Residence 278 Ridge Street, Millis Massachusetts 02054
Citizenship US
Post Office Address 278 Ridge Street, Millis Massachusetts 02054

Full name of fourth inventor <b>MACKAY, Fabienne</b>
Sole or first inventor's signature <i>Fabienne Mackay</i>
Residence 1 Belah Gardens, Vaucluse NSW 2030 Australia
Citizenship FR
Post Office Address 1 Belah Gardens, Vaucluse NSW 2030 Australia

## **Assignment of Rights and Interest in Invention (Multiple inventors; single assignee)**

Docket No.  
**A013PCT**

*This is an Assignment of the following rights, title and interest: (check all that apply):*

- United States of America rights, title and interest in the invention*
  - Foreign rights, title and interest in the invention*
  - United States Patent Application Serial No.* \_\_\_\_\_

*Date of Execution:* April 23 1999 *Date of Filing:* \_\_\_\_\_

- United States Provisional Patent Application Serial No. 60/029,060

United States Patent No(s).

International (PCT) Patent Application Serial No. PCT/US97/19436

Other (specify)

### *Title of the Invention*

Soluble Lymphotoxin Beta Receptor and Anti-Lymphotoxin Receptor and Ligand Antibodies as Therapeutic Agents for the Treatment of Immunological Diseases

### **Inventors (assignors)**

**Assignee**

Name	Address
BIOGEN, INC.	14 Cambridge Center Cambridge, Massachusetts 02142 USA

## **Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)**

**Docket No.**

A013PCT

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

*And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;*

*Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;*

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

*And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;*

*And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.*

**Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)**

Assignment of Rights, Title and Interest in Invention  
(Multiple inventors; single assignee)

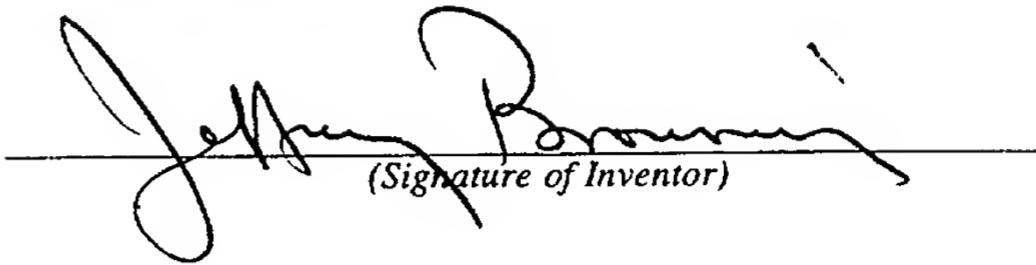
Docket No.

A013PCT

Notarization

(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)

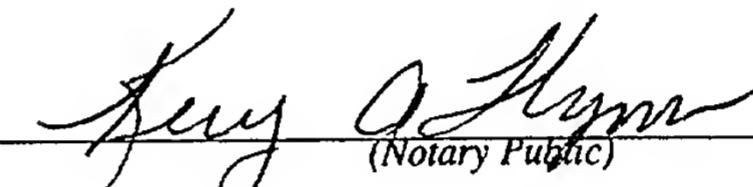
Executed this 12 day of April , in the year 1999  
at Cambridge

  
(Signature of Inventor)

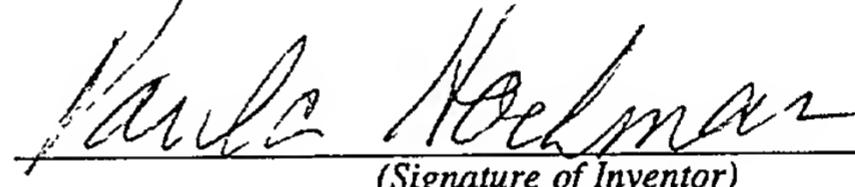
State of Massachusetts

County of Middlesex

Before me personally appeared Jeffrey Browning  
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to  
execute the same this 12 day of April , in the year 1999

  
(Notary Public)

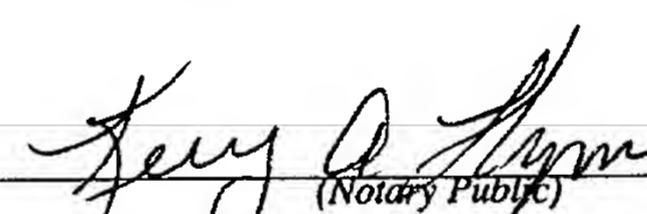
Executed this 12 day of April , in the year 1999  
at Cambridge

  
(Signature of Inventor)

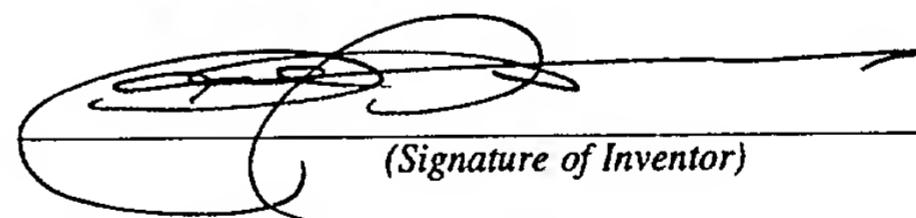
State of Massachusetts

County of Middlesex

Before me personally appeared Paula Susan Hochman  
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to  
execute the same this 12 day of April , in the year 1999

  
(Notary Public)

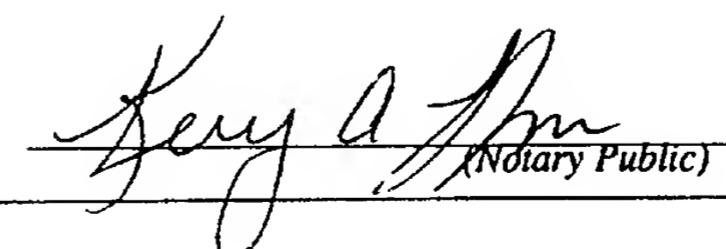
Executed this 12 day of April , in the year 1999  
at Cambridge

  
(Signature of Inventor)

State of Massachusetts

County of Middlesex

Before me personally appeared Paul D. Rennert  
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to  
execute the same this 12 day of April , in the year 1999

  
(Notary Public)

Assignment of Rights, Title and Interest in Invention  
(Multiple inventors; single assignee)

Docket No.  
A013PCT

Notarization

(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)

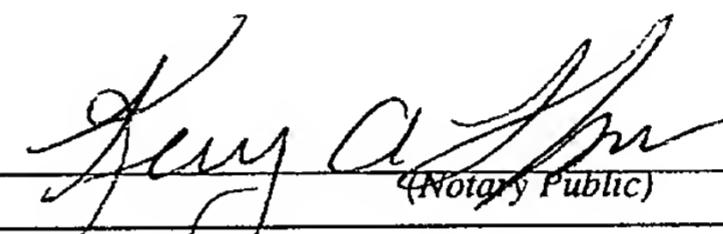
Executed this 12 day of April , in the year 1999  
at Cambridge

  
(Signature of Inventor)

State of Massachusetts

County of Middlesex

Before me personally appeared Fabienne MacKay  
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to  
execute the same this 12 day of April in the year 1999

  
(Notary Public)

Executed this day of , in the year

(Signature of Inventor)

State of

County of

Before me personally appeared  
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to  
execute the same this day of in the year

(Notary Public)

Executed this day of , in the year

(Signature of Inventor)

State of

County of

Before me personally appeared  
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to  
execute the same this day of in the year

(Notary Public)